

EIIS Pesticide Summary Report: Species Information

Chlorpyrifos (059101)

ID #	Species	Scientific Name	Magnitude	Response	Rt. Exposure
------	---------	-----------------	-----------	----------	--------------

AQUATIC

Agricultural Area

I000799-004	bass	Micropterus spp.	n/r	mortality	Runoff
	bluegill	Lepomis macrochirus	n/r	mortality	Runoff
	unknown fish		n/r	mortality	Runoff
I000758-001	carp	Cyprinus carpio	1-5	mortality	Runoff
	catfish	Ictaluridae	1- 5	mortality	Runoff
I004830-001	trout	Salmonidae	unknown	mortality	Ingestion
I003795-001	bluegill	Lepomis macrochirus	unknown	mortality	Treated directly
	channel catfish	Ictalurus punctatus	unknown	mortality	Treated directly
	smallmouth bass	Micropterus dolomieu	unknown	mortality	Treated directly
	trout	Salmonidae	unknown	mortality	Treated directly
I008481-001	unknown fish		thousands	mortality	Runoff
I011884-001	unknown fish		unknown	mortality	Runoff

ID #	Species	Scientific Name	Magnitude	Response	Rt. Exposure
I021456-001	yabbies	Cherax destructor	unknown	mortality	Runoff
	bluegill	Lepomis macrochirus	dozens	mortality	Drift, spray
	largemouth bass	Micropterus salmoides	dozens	mortality	Drift, spray
<i>Berry, strawberry</i>					
I012048-008	n/r		unknown	mortality	Runoff
	n/r		unknown	mortality	Runoff
<i>BUILDING</i>					
I000944-001	bass	Micropterus spp.	<12	mortality	SUMP PUMP
	bluegill	Lepomis macrochirus	<12	mortality	SUMP PUMP
	catfish	Ictaluridae	10	mortality	Runoff
I001849-001	unknown fish		n/r	unknown	Spill
I004512-001	unknown fish		unknown	mortality	N/R
I001849-004	unknown fish		800	mortality	Runoff
I001108-001	crayfish	Decapoda	28000	mortality	N/R
I001644-001	black bass	Micropterus salmoides	unknown	mortality	Runoff
	carp	Cyprinus carpio		mortality	Runoff
I002217-002	unknown fish		n/r	mortality	Runoff

ID #	Species	Scientific Name	Magnitude	Response	Rt. Exposure
I002560-001	bass	Micropterus spp.	unknown	mortality	Spill
	bluegill	Lepomis macrochirus	unknown	mortality	Spill
	minnow	Cyprinidae	1000	mortality	Spill
	mudfish	Neochanna sp.	unknown	mortality	Spill
	sunfish	Centrarchidae	unknown	mortality	Spill
I003885-001	unknown fish		unknown	mortality	Runoff
I006108-001	bass	Micropterus spp.	thousands	mortality	Runoff
	bream	Notemigonus crysoleucas	thousands	mortality	Runoff
	catfish	Ictaluridae	thousands	mortality	Runoff
	crayfish	Decapoda	thousands	mortality	Runoff
I008876-001	bass	Micropterus spp.	a few	mortality	Ingestion
	bream	Notemigonus crysoleucas	thousands	mortality	Ingestion
I013603-003	bluegill	Lepomis macrochirus	60	mortality	Runoff
	smallmouth bass	Micropterus dolomieu	10	mortality	Runoff
<i>Citrus</i>					
I000087-001	black crappie	Pomoxis nigromaculatus	4	mortality	Drift
	catfish	Ictaluridae	5	mortality	Drift
	crayfish	Decapoda	n/r	mortality	Drift
	frog	Anura	n/r	mortality	Drift
	frog	Anura	n/r	mortality	Drift

ID #	Species	Scientific Name	Magnitude	Response	Rt. Exposure
	hybrid sunfish	Centrarchidae	350	mortality	Drift
	largemouth bass	Micropterus salmoides	17	mortality	Drift
<i>COMMERCIAL SITE</i>					
I002975-001					
	bluegill	Lepomis macrochirus	thousands	mortality	Spill
	catfish	Ictaluridae	thousands	mortality	Spill
	catfish	Ictaluridae	thousands	mortality	Spill
	largemouth bass	Micropterus salmoides	thousands	mortality	Spill
	largemouth bass	Micropterus salmoides		mortality	
	minnow	Cyprinidae	thousands	mortality	Spill
	minnow	Cyprinidae	thousands	mortality	
	sunfish	Centrarchidae	thousands	mortality	Spill
	sunfish	Centrarchidae	thousands	mortality	Spill
	sunfish	Centrarchidae	thousands	mortality	Spill
<i>Construction site</i>					
I000387-001					
	bream	Notemigonus crysoleucas	242	mortality	
<i>Corn</i>					
I000108-001					
	bluegill	Lepomis macrochirus	unknown	mortality	Runoff
	bowfin	Amia calva	unknown	mortality	Runoff
	carp	Cyprinus carpio	unknown	mortality	Runoff
I020252-001					
	bluegill	Lepomis macrochirus	40	mortality	
	bullhead	Ameiurus sp.	778	mortality	

ID #	Species	Scientific Name	Magnitude	Response	Rt. Exposure
	green sunfish	Lepomis cyanellus	791	mortality	
	johnny darter	Percidae	2710	mortality	
	largemouth bass	Micropterus salmoides	2	mortality	
	minnow	Cyprinidae	7067	mortality	
	stoneroller		3249	mortality	
	white sucker	Catostomus commersomi	1000	mortality	
<i>Cotton</i>					
B0000-500-32					
	american alligator	A. mississippiensis	1	mortality	Runoff
	unknown fish		unknown	mortality	Runoff
I000383-002					
	unknown fish		extensive	mortality	Runoff
<i>Cranberries</i>					
I013530-001					
	largemouth bass	Micropterus salmoides	hundreds	mortality	Flowing water
	sunfish	Centrarchidae	hundreds	mortality	Flowing water
<i>Cranberry</i>					
I007313-002					
	bass	Micropterus spp.	1000	mortality	Drift
	bluegill	Lepomis macrochirus	1000	mortality	Drift
	brown bullhead	Ameiurus nebulosus	1000	mortality	Drift
	chain pickerel	Esox niger	1000	mortality	Drift
	crappie	Centrarchidae	1000	mortality	Drift
	yellow perch	Perca flavescens	1000	mortality	Drift

CREEK

ID #	Species	Scientific Name	Magnitude	Response	Rt. Exposure
I003601-002	blacknose dace	<i>Rhinichthys atratulus</i>	hundreds	mortality	Flowing water
	bluegill	<i>Lepomis macrochirus</i>	hundreds	mortality	Flowing water
	longnose dace	<i>Rhinichthys cataractae</i>	hundreds	mortality	Flowing water
	pumpkinseed	<i>Lepomis gibbosus</i>	hundreds	mortality	Flowing water
	tessellated darter	<i>Etheostoma olmstedi</i>	hundreds	mortality	Flowing water
	white sucker	<i>Catostomus commersoni</i>	hundreds	mortality	Flowing water
<i>DUMPED INTO DRAIN</i>					
I008956-003	n/r		unknown	mortality	Ingestion
	n/r		unknown	mortality	Ingestion
<i>FIELD</i>					
I001305-001	unknown fish		significant numbers	mortality	Runoff
<i>Golf green</i>					
I000233-001	unknown fish		400	mortality	Runoff
<i>HOME</i>					
I007072-001	bass	<i>Micropterus spp.</i>	150	mortality	Runoff
	bluegill	<i>Lepomis macrochirus</i>	50	mortality	Runoff
	bream	<i>Notemigonus crysoleucas</i>	150	mortality	Runoff
I000116-004	bluegill	<i>Lepomis macrochirus</i>	thousands	mortality	Runoff
	crappie	<i>Centrarchidae</i>	thousands	mortality	Runoff

ID #	Species	Scientific Name	Magnitude	Response	Rt. Exposure
	widemouth bass	Perciformes	thousands	mortality	Runoff
I000311-001	bream	Notemigonus crysoleucas	200	mortality	Runoff
I000470-001	snake	Serpentes	unknown	mortality	Runoff
	unknown fish		unknown	mortality	Runoff
I000636-031	bass	Micropterus spp.	n/r	mortality	Runoff
	catfish	Ictaluridae	n/r	mortality	Runoff
	crappie	Centrarchidae	n/r	mortality	Runoff
	sunfish	Centrarchidae	n/r	mortality	Runoff
I000642-001	bluegill	Lepomis macrochirus	100	mortality	Spill
I000947-001	bluegill	Lepomis macrochirus	200	mortality	Runoff
I002108-001	bluegill	Lepomis macrochirus	n/r	mortality	Runoff
	catfish	Ictaluridae	n/r	mortality	Runoff
I002217-001	unknown fish		unknown	mortality	Runoff
<i>Home, exterior</i>					
I007098-001	bass	Micropterus spp.	250	mortality	Runoff
	crayfish	Decapoda	unknown	mortality	Runoff
	sunfish	Centrarchidae	250	mortality	Runoff
	unknown fish		unknown	mortality	Runoff

ID #	Species	Scientific Name	Magnitude	Response	Rt. Exposure
	unknown fish		4	mortality	Runoff
I000911-001	catfish	Ictaluridae	500	mortality	Runoff
I000010-001	unknown fish		unknown	mortality	Runoff
I000149-001	bluegill	Lepomis macrochirus	unknown	mortality	Runoff
	catfish	Ictaluridae	unknown	mortality	Runoff
I000148-001	bream	Notemigonus crysoleucas	500	mortality	Runoff
	crayfish	Decapoda	small number	mortality	Runoff
	frog	Anura	small number	mortality	Runoff
	minnow	Cyprinidae	small number	mortality	Runoff
I000187-001	bass	Micropterus spp.	unknown	mortality	Runoff
	catfish	Ictaluridae	unknown	mortality	Runoff
	crappie	Centrarchidae	unknown	mortality	Runoff
I000125-001	bluegill	Lepomis macrochirus	30	mortality	Runoff
I000950-001	unknown fish		4	mortality	Runoff
I001849-005	unknown fish		300	mortality	Runoff
I001107-001	catfish	Ictaluridae	unknown	mortality	Runoff
	minnow	Cyprinidae	unknown	mortality	Runoff

ID #	Species	Scientific Name	Magnitude	Response	Rt. Exposure
I001304-001	unknown fish		unknown	mortality	Runoff
I004374-001	bluegill	Lepomis macrochirus	hundreds	mortality	Ingestion
	golden shiner	Notemigonus crysoleucas	hundreds	mortality	Ingestion
I002326-001	bass	Micropterus spp.	n/r	mortality	Runoff
	bluegill	Lepomis macrochirus	n/r	mortality	Runoff
	sunfish	Centrarchidae	n/r	mortality	Runoff
I003600-001	bluegill	Lepomis macrochirus	hundreds	mortality	Runoff
	catfish	Ictaluridae		mortality	Runoff
	crayfish	Decapoda	20	mortality	Runoff
	largemouth bass	Micropterus salmoides	25	mortality	Runoff
I003509-001	bass	Micropterus spp.	hundreds	mortality	Runoff
	bluegill	Lepomis macrochirus	hundreds	mortality	Runoff
	brim	Centrarchidae	hundreds	mortality	Runoff
	perch	Percidae	3	mortality	Runoff
I003744-001	bass	Micropterus spp.	hundreds	mortality	Runoff
I007373-003	bluegill	Lepomis macrochirus	224	mortality	Ingestion
	largemouth bass	Micropterus salmoides	5	mortality	Ingestion
	striped bass	Morone saxatilis	9	mortality	Ingestion
I005809-001					

ID #	Species	Scientific Name	Magnitude	Response	Rt. Exposure
I007373-002	bluegill	Lepomis macrochirus	unknown	mortality	Runoff
	unknown fish			mortality	Ingestion
I017025-001	bass	Micropterus spp.	thousands	mortality	Ingestion
	catfish	Ictaluridae		mortality	Ingestion
	sunfish	Centrarchidae		mortality	Ingestion
I006452-001	unknown fish			mortality	Flowing water
I007074-001	minnow	Cyprinidae	2	mortality	Spill
I007747-001	bream	Notemigonus crysoleucas	50	mortality	Runoff
I007868-001	bass	Micropterus spp.	thousands	mortality	Ingestion
	bluegill	Lepomis macrochirus	thousands	mortality	Ingestion
	catfish	Ictaluridae	thousands	mortality	Ingestion
I008005-001	n/r		500	mortality	Runoff
I009932-001	n/r		unknown	mortality	Runoff
I010287-012	frog	Anura	6	mortality	Runoff
	goldfish	Carassius auratus	60	mortality	Runoff
I013302-001	goldfish	Carassius auratus	30 - 100	mortality	Runoff

ID #	Species	Scientific Name	Magnitude	Response	Rt. Exposure
I015212-001	bass	Micropterus spp.	40 gallons of fish	mortality	Runoff
	bluegill	Lepomis macrochirus	40 gallons of fish	mortality	Runoff
	unknown fish		20 to 80 fish	mortality	Runoff
<i>Home/lawn</i>					
I000644-001	bluegill	Lepomis macrochirus	30	mortality	Spill
I007984-001	bass	Micropterus spp.	25	mortality	Runoff
	bluegill	Lepomis macrochirus	250	mortality	Runoff
	crayfish	Decapoda	20	mortality	Runoff
<i>Home/tree</i>					
I009031-001	n/r		82	mortality	Ingestion
<i>LAKE</i>					
I000636-009	bluegill	Lepomis macrochirus		mortality	Spill
	crappie	Centrarchidae	n/r	mortality	Spill
	shad	Clupeidae		mortality	Spill
I006881-001	black bullhead catfish	Ictalurus melas	thousands	mortality	UNKNOWN
	bluegill	Lepomis macrochirus	thousands	mortality	Unknown
	catfish	Ictaluridae	thousands	mortality	N/R
	minnow	Cyprinidae	thousands	mortality	UNKNOWN
	stoneroller		unknown	mortality	UNKNOWN

ID #	Species	Scientific Name	Magnitude	Response	Rt. Exposure
<i>Municipal operation</i>					
I002370-001	unknown fish		thousands	mortality	Runoff
I009966-001	madtom	Ictaluridae	8	mortality	Ingestion
	minnow	Cyprinidae	hundreds	mortality	Ingestion
	sunfish	Centrarchidae	102	mortality	Ingestion
N/R					
I000454-004	unknown fish		n/r	mortality	N/R
I000171-001	bass	Micropterus spp.	unknown	mortality	Runoff
	catfish	Ictaluridae	unknown	mortality	Runoff
	crappie	Centrarchidae	unknown	mortality	Runoff
	perch	Percidae	unknown	mortality	Runoff
	sunfish	Centrarchidae	unknown	mortality	Runoff
I002976-001	bluegill	Lepomis macrochirus	500	mortality	N/R
	largemouth bass	Micropterus salmoides	500	mortality	N/R
	sunfish	Centrarchidae	500	mortality	N/R
I002308-001	bass	Micropterus spp.	61	mortality	Runoff
	bluegill	Lepomis macrochirus	75	mortality	Runoff
	catfish	Ictaluridae	3	mortality	Runoff
	unknown fish		unknown	mortality	Spill

ID #	Species	Scientific Name	Magnitude	Response	Rt. Exposure
I003862-001	catfish	Ictaluridae	6	mortality	
	minnow	Cyprinidae	lots	mortality	
I007155-084	crayfish	Decapoda	unknown	mortality	Drift
I008657-002	unknown fish		unknown	mortality	DUMPING
I009235-001	bass	Micropterus spp.		mortality	
	darter	Etheostoma sp.	hundreds	mortality	Ingestion
	sucker	Catostomidae	thousands	mortality	Ingestion
	sunroller		hundreds	mortality	Ingestion
	unknown snake			mortality	
I010025-001	bass	Micropterus spp.	unknown	mortality	Ingestion
	bluegill	Lepomis macrochirus	unknown	mortality	Ingestion
	bream	Notemigonus crysoleucas	unknown	mortality	Ingestion
	sunfish	Centrarchidae	unknown	mortality	Ingestion
I009329-001	unknown fish		heavy kill	mortality	Spill
I011444-009	bream	Notemigonus crysoleucas	2000-4000	mortality	Runoff
I013170-001	carp	Cyprinus carpio	unknown	mortality	N/R
	goldfish	Carassius auratus	unknown	mortality	N/R
	sacramento blackfish	Orthodon microlepidotus	unknown	mortality	N/R

ID #	Species	Scientific Name	Magnitude	Response	Rt. Exposure
I013927-001	sacramento pikeminnow	<i>Ptychocheilus grandis</i>	unknown	mortality	N/R
	sacramento sucker	<i>Catostomus occidentalis</i>	unknown	mortality	N/R
	sculpin	<i>Cottus</i> sp.	unknown	mortality	N/R
	flathead catfish	<i>Pylodictis olivaris</i>	320	mortality	Drift
	grass carp	<i>Ctenopharyngodon idella</i>	60	mortality	Drift
	largemouth bass	<i>Micropterus salmoides</i>	20	mortality	Drift
I014322-001	carp	<i>Cyprinus carpio</i>	1	incapacitation	Ingestion
	catfish	<i>Ictaluridae</i>	1	incapacitation	Ingestion
	goldfish	<i>Carassius auratus</i>	10	mortality	N/R
I014884-022	bullhead	<i>Ameiurus</i> sp.	over 50	mortality	Flowing water
	carp	<i>Cyprinus carpio</i>	over 100	mortality	Flowing water
	threadfin shad	<i>Dorosoma petenense</i>	over 200	mortality	Flowing water
<i>ORCHARD</i>					
I000364-001	bass	<i>Micropterus</i> spp.	15	mortality	Runoff
	bass	<i>Micropterus</i> spp.	numerous	mortality	Runoff
	bluegill	<i>Lepomis macrochirus</i>	100	mortality	Runoff
	bluegill	<i>Lepomis macrochirus</i>	numerous	mortality	Runoff
	catfish	<i>Ictaluridae</i>	20	mortality	Runoff
	n/r		unknown	mortality	Runoff

Ornamental, woody